14th ANNUAL SECURITY TECHNOLOGY SYMPOSIUM & EXHIBITION

DOD FORCE PROTECTION

NAVY

DOD PSEAG PROGRAM PRESENTATIONS
17 June 1998

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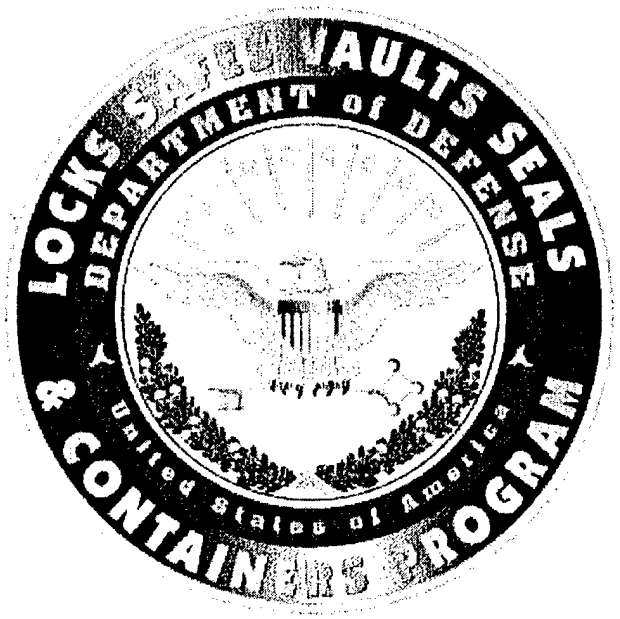
DoD Locks, Safes, Vaults, Seals & Containers RDT&E Program



10 Major Project Areas

Develop, procure, test, engineer, and provide criteria support for locks, safes, vaults, seals, containers, and related systems. Provide COTS evaluations and develop products and guidance to meet DOD operational and security requirements.

Significant Accomplishments Oct 97 - Jun 98

- Completed Lightweight Concrete Forced Entry (FE) test.
- Completed X-Ray Testing
- Completed Integrated Locking Device (ILD) Pull test
- Completed Seals Guide
- Wrote draft FF-S-2738 for seals

Projected Accomplishments Jun 98 - Sep 98

- Conduct Lightweight Concrete Explosive Test
- Finalize Seal Specification
- Produce & field Beta version of NSI CD-ROM

Shipboard Physical Security (SPS) Program

Three Major Project Areas

The SPS Program consists of integrated detection sensors, alarms, information displays, security force equipment, and procedures to provide defense in-depth against a wide range of external and internal shipboard threats

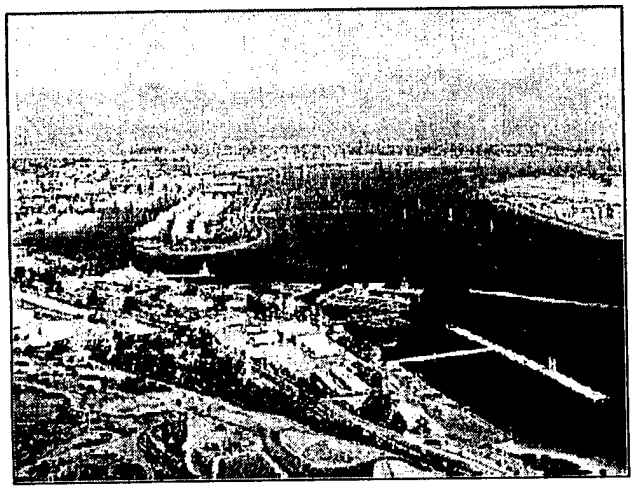
Significant Accomplishments Oct 97 - Jun 98

- Completed Phase I of Smart Ship Project Installation
- Completed the RF Personnel Tracking System Market Survey and Report
- Completed Smart Ship Installation Drawings
- Completed Shipboard Physical Security Mockup Facility
- Completed Phase II Smart Ship Project installation: Upgraded to Windows NT, provided man overboard reporting

Projected Significant Accomplishments Jun 98- Sep 98

- Develop minimum Security System Configuration for each ship class
- Develop Portable Emergency Security Force Equipment
- Test and Integrate Emerging Technologies:
  - Ship Lighting Systems
  - Infrared Lighting
  - Portable & Fixed Lighting
  - Light Intensified Cameras
  - Video Motion Detection Shipboard Applications
  - Distress Signal Feasibility Study
  - Develop DL Circuit Panel replacements

Waterfront Security



Three Major Project Areas

The Space and Naval Warfare Systems Center (SPAWARSYSCEN), San Diego is the Center of Excellence for waterfront security. SPAWARSYSCEN San Diego is responsible for fixed and transportable waterside security systems, swimmer detection sonars, and commercial off-the-shelf (COTS) equipment test and evaluation which focuses on waterfront force protection.

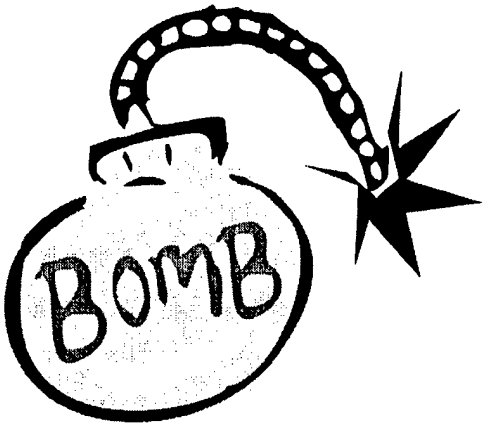
Significant Accomplishments Oct 97 - Jun 98

- Supported three installation sites: SUBASE Bangor, SUBASE Kings Bay, and ASU Bahrain
- Assisted SUBASE Kings Bay by addressing solutions to counter subsurface threats
- Coordinated with Coast Guard in identifying WSS equipment for San Diego Port
- Completed development of new Radar Track Processor and installed at SUBASE Bangor for T&E
- Completed testing of C3D upgrade w/PC based architecture.
- Conducted site survey at Portsmouth NSY for a WSS installation

Projected Accomplishments Jun 98- Sep 98

- Validate transportable system at an operational site
- Work with Smart Base for a WSS install at Portsmouth NSY
- Conduct a Site Survey within the Commander, Fifth Fleet AOR for a fixed WSS
- Upgrade SUBASE Kings Bay C3D element with a PC based replacement
- Consolidate program management of WSS and SPS

Explosive Detection Equipment (EDE) Program



Two Major Project Areas

Conduct market surveys and investigations to determine capability of COTS technology. Conduct T&E of COTS to verify performance parameters. Act as the DoD Center of Expertise for guidance on purchase and procurement of EDE. Coordinate with other federal agencies in the conduct of RDT&E efforts to meet DoD requirements.

Significant Accomplishments Oct 97 - Jun 98

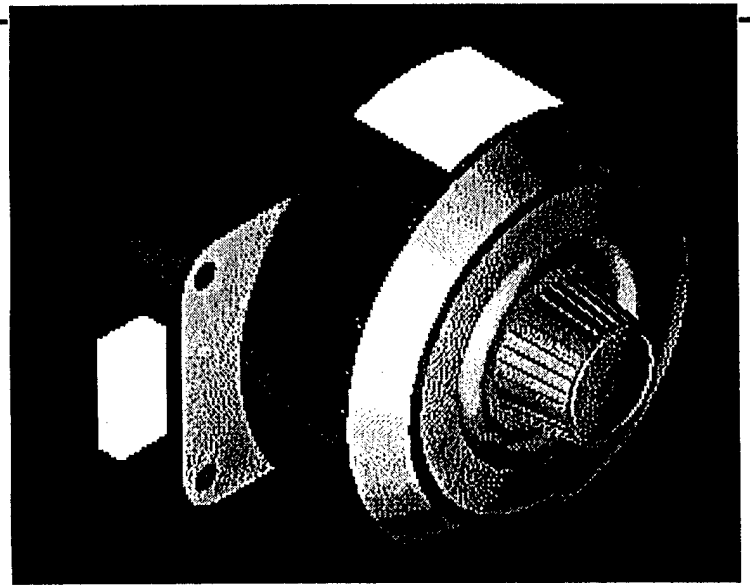
- Submitted Draft JSOR to PSEAG
- Wrote White Paper on the detection of explosives in trucks carrying concrete
- Conducted evaluation of CDS 2002, MobilSearch, remote sensing devise
- Conducted EDE Market Survey

Projected Accomplishments Jun 98 - Sep 98

- Publish EDE Six-Year Plan
- Complete EDE JSOR
- Write Concept of Operation for MobilSearch
- Conduct an Market Survey and write a report
- Write and publish a Health and Safety Guidance Document

Security Technology Project

DOD Lock Program



The objective of the Security Technology Project (STP) is to execute Congressional direction to REPLACE combination locks on secure storage spaces and GSA approved Security Containers with locks meeting Federal Specification FF-L-2740. The STP supports procurement actions, provides user training, publishes technical information, analyzes potential vulnerabilities in current products and evaluates emerging technology that could be used to improve protection of classified information

Significant Accomplishments Oct 97- Jun 98

- Developed & Distributed Weekly Data Base Reports
- Provided STP Training at 3 DoD Locations
- Supported Hundreds of "*Hotline*" Calls Monthly
- Supported *OSD, DLA, DISC & OPNAV* Requirements
- Established "*Red Label* Drawer Head Exchange Program
- Published *Security Facts!* Newsletter
- Established Web Site, *locks.nfesc.navy.mil*

Projected Accomplishments Jun 98 -Sep 98

- Conduct Follow-on Vulnerability Study
- Update & Expand Training Course (to include "teaming " with IMD)
- Identify & Analyze Candidate Information Security Protection Systems / Components
- Publish Tech Data Sheet(s) on Technical Updates
- Begin STP Program phase-out